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INTERNATIONAL SEARCH REPORT

Internat.	Application No
PCT/GB 03/02962	

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G01N21/65 G01N21/55

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G01N G01J B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

BIOSIS, EPO-Internal, COMPENDEX, INSPEC, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 88 06726 A (SCIENT GENERICS LTD) 7 September 1988 (1988-09-07) page 2, line 5 - line 25 page 4, line 18 - line 21 page 5, line 18 - line 33 page 6, line 7 - line 14 page 7, line 7 - line 13 figure 2A --- -/- -	20,31

Further documents are listed in continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

14 November 2003

Date of mailing of the international search report

26/11/2003

Name and mailing address of the ISA  
European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040. Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Verdoodt, E

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Internal	Application No
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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	ORLOV S N ET AL: "RAMAN SCATTERING OF LIGHT BY SURFACE POLARITONS COHERENTLY EXCITED ON A RIPPLED BEO CRYSTAL" JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS, AMERICAN INSTITUTE OF PHYSICS, WOODBURY, US, vol. 77, no. 6, 1 December 1993 (1993-12-01), pages 1006-1013, XP000433637 ISSN: 1063-7761 figure 3 page 1009, left-hand column, line 1 -right-hand column, line 7 page 1011, right-hand column, line 10 -line 15	1,32,33
A	P.I.NIKITIN: "Silicon-based surface plasmon resonance combined with surface-enhanced Raman scattering for chemical sensing" REVIEW OF SCIENTIFIC INSTRUMENTS, vol. 68, no. 6, June 1997 (1997-06), pages 2554-2557, XP002260565 figure 1	1,13-19, 32,33
A	C.L.HAYNES, R.P.VAN DUYNE: "Plasmon scanned surface-enhanced raman scattering excitation profiles" MAT. RES. SOC. SYMP. PROC., vol. 728, 2 - 5 April 2002, pages S10.7.1-S10.7.6, XP002260753 San Francisco, USA page S10.7.3, line 11 - line 19 page S10.7.4, line 5 - line 14 page S10.7.4, line 23 - line 25 figures 1,3	1-4, 15-17, 20,23, 32,33
A	BYAHUT S ET AL: "A DEVICE FOR PERFORMING SURFACE-PLASMON-POLARITON-ASSISTED RAMAN SCATTERING FROM ADSORBATES ON SINGLE-CRYSTAL SILVER SURFACES" REVIEW OF SCIENTIFIC INSTRUMENTS, AMERICAN INSTITUTE OF PHYSICS. NEW YORK, US, vol. 61, no. 1, PART 1, 1990, pages 27-32, XP000101205 ISSN: 0034-6748 page 27, right-hand column, paragraph 1 figure 1 page 28, line 5 - line 7	1,32,33
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	BRIOUDE A ET AL: "RAMAN SPECTROSCOPY OF SOL-GEL ULTRATHIN FILMS ENHANCED BY SURFACE PLASMON POLARITONS" JOURNAL OF APPLIED PHYSICS, AMERICAN INSTITUTE OF PHYSICS, NEW YORK, US, vol. 88, no. 11, 1 December 2000 (2000-12-01), pages 6187-6191, XP001048982 ISSN: 0021-8979 figures 3,4 ---	1,32,33
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A	paragraph '0108! - paragraph '0109!'	1-4,32, 33
	paragraph '0166! - paragraph '0169!'	
X	US 5 266 498 A (TARCHA PETER J ET AL) 30 November 1993 (1993-11-30) column 6, line 5 - line 14	20,24,25
A	column 4, line 56 -column 5, line 16 column 7, line 21 -column 8, line 55 column 9, line 42 - line 47 column 11, line 47 - line 58 ---	5,6
Y	US 6 197 503 B1 (VO-DINH TUAN ET AL) 6 March 2001 (2001-03-06)	26-28
A	column 21, line 46 -column 22, line 18 ---	7-9
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A	J.GIERGIEL ET AL: "Surface plasmon polariton enhancement of raman scattering in Kretschmann geometry" JOURNAL OF PHYSICAL CHEMISTRY, vol. 92, 1988, pages 5357-5365, XP002260566	1,32,33
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